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GLENN LOWELL JEPSEN
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ADDENDA ET CORRIGENDA

Several changes in the families and genera of the White River fauna have been made during the course of publication of this volume (1935–41) and, in revising the lists of Recent and White River mammals, advantage has been taken of the opportunity to correct certain copyists' errors in these lists as originally printed. Aside from numbers, the most important changes in the subjoined table are the insertion of the Primates due to the announcement of a new genus by Clark, the transfer of *Sinclairella* from the Insectivora and the description of new genera of rodents and carnivores. The shrew *Protosorex* Scott has proved to be the same as the older *Domnina* Cope.

FAMILIES AND GENERA OF NEARCTIC LAND MAMMALS

Recent	Revised White River List	Leidy's List of 1869
	Primates	
None	2 Families, 2 Genera	None
	Insectivora	
2 Families, 11 Genera	5 Families, 9 Genera	1 Family, 2 Genera
	Carnivora	
7 Families, 21 Genera	4 Families, 14 Genera	3 Families, 4 Genera
	Rodentia	
8 Families, 51 Genera	9 Families, 20 Genera	3 Families, 4 Genera
	Lagomorpha	
2 Families, 5 Genera	1 Family, 4 Genera	1 Family, 1 Genus
	Artiodactyla	
4 Families, 12 Genera	9 Families, 31 Genera	6 Families, 9 Genera
	Perissodactyla	
None	8 Families, 18 Genera	4 Families, 5 Genera
	?Edentata	
1 Family, 1 Genus	1 Family, 1 Genus	None
	Marsupialia	
1 Family, 1 Genus	1 Family, 2 Genera	None
Totals 25 Families, 102 Genera	40 Families, 101 Genera	18 Families, 25 Genera

INSECTIVORA

P. 13 and Explanation of Pl. II, fig. 3.

Clinopternodus Clark

Clinodon Clark: Trans. Amer. Philos. Soc. Vol. XXVIII, p. 13, 1936. (Preoccupied.)
Clinopternodus Clark: Ann. Carnegie Mus. Vol. XXV, p. 308, 1937.

Metacodon Clark

Patterson and McGrew have shown that this genus should be transferred from the Leptictidae to the Erinaceidae.

Metacodon mellingeri

P. and M. *Op. cit.* p. 358.

Domnina Cope

Domnina Cope: Palaeont. Bull., No. 16, p. 1, 1873.
Protosorex Scott: Proc. Acad. Nat. Sci. Phila., for 1894, p. 446, 1895.
Domnina Patterson and McGrew: Geol. Ser. Field Mus. Nat. Hist. Vol. VI, p. 246, 1937.

From the much better material at their disposal, Messrs. Patterson and McGrew have demonstrated that *Protosorex* Scott is a synonym of *Domnina* Cope and that the latter should be referred to the Soricidae, not to the Talpidae, in which Cope had included it. Their description follows:

"*Emended diagnosis.*—$I\frac{3}{1}$, $C\frac{0}{0}$, $P\frac{3}{4}$, $M\frac{3}{3}$. Teeth heavily pigmented. $P\underline{3}$ lacking, $P\underline{4}$ with small protocone and hypocone. Upper molars with hypocones resembling those of *Blarina*, posterior cingula extending externally to metastyles. $I\overline{3}$ less procumbent than in recent genera, without accessory cuspules, alveolar rim not extending posteriorly behind premolars. $P\overline{1}$–$\overline{3}$ small; $P\overline{4}$ the largest of the series with single, conical anteriorly projecting cusp and relatively strong transverse posterior cingulum. Lower molars progressively reduced in size from $M\overline{1}$ to $M\overline{3}$, protoconids and hypoconids sharply angulate externally, strong antero-external cingula; entoconids of $M\overline{1}$–$\overline{2}$ high and connected by ridges to posterior slopes of metaconids. Talonid of $M\overline{3}$ reduced, hypoconid small, entoconid greatly reduced or absent. Horizontal ramus heavy, deep, straight beneath molars, mental 'foramen beneath $M\overline{1}$.'"

Domnina gradata Cope

Domnina gradata Cope: Palaeont. Bull. No. 16, p. 1, 1873.
Protosorex crassus Scott: Proc. Acad. Nat. Sci. Philad. for 1894, p. 446, 1895.
Domnina gradata Patterson and McGrew: Geol. Ser. Field Mus. Nat. Hist. Col. VI, p. 246.

PRIMATES

P. 26. **Sinclairella** Jepsen.

Simpson has transferred this problematical genus from the Insectivora to the Primates and Jepsen concurs in this transfer. Clark has described, but not yet named a new genus of tarsiers from the White River of Montana.

P. 109. **Palaeogale** v. Meyer. (Pl. LXXX, Figs. 3–4a.)

Since the publication of Part I, the American Museum has received a very perfect skull from the White River Bad Lands, which Simpson refers to the European Miocene genus *Palaeogale*, and which is nearly identical with the American *Bunaelurus*, but differs in the presence of a minute M2. Thanks to Dr. Simpson's kindness, we are able to figure this interesting skull.

Hoplophoneus Cope

Pp. 125 and explanations of Pls. XIX and XXII. *Drepanodon* Leidy (*nec* Nesti): Proc. Acad. Nat. Sci. Philad., 1857, p. 176.

Hoplophoneus Cope: Bull. U. S. Geol. and Geograph. Surv. Terr's No. 1, p. 23, 1874.

Drepanodon Palmer: Index Gen. Mammal., p. 244. Director Thomas Barbour of the Harvard Museum, has called our attention to the fact that Nesti did use the term *Drepanodon* generically.[1] Even if he had not, Leidy had employed the name a year previously for a fossil lizard. Thus, Cope's term *Hoplophoneus* is automatically revived and in this text, from p. 125 to p. 140, should everywhere be substituted for *Drepanodon*.

Pp. 125–140. For *Drepanodon* read *Hoplophoneus*

PART II

Rodentia

The American Museum collecting party of 1940 at Slim Buttes, So. Dak., obtained the extremely interesting and unexpected fossil of a surviving Eocene type nearly allied to the characteristically Eocene genus *Ischyrotomus*. Dr. Simpson has been so kind as to send us an advance copy of his preliminary note on this remarkable specimen.

"A GIANT RODENT FROM THE OLIGOCENE

"A discovery of 1940, was a rodent, remarkable not only as the largest known rodent of such antiquity, but also as a survivor of a group, the Paramyinae, hitherto believed to have become extinct at about the end of the Eocene. The unique specimen was found by Mr. Kenneth Briggs of Baker, Montana, who kindly presented it to The American Museum of Natural History, and consists of fairly complete skull and jaws, most of a fore limb, and other fragments. The animal is also remarkable as a wholly new and individually large element in the White River fauna, which has been longer and more intensively worked than any other in the American tertiary. A revision of this great fauna is now being completed by Professor W. B. Scott and colleagues, and the present preliminary note is published at his request in order that this striking form may be cited by name in the addenda to that revision. A full illustrated description of the new rodent will be published later this year in *American Museum Novitates*.

" Manitsha tanka Simpson

Manitsha tanka, new genus and species, Simpson: Science, N.S., Vol. 93, p. 474, 1941.

"*Type.*—Amer. Mus. No. 39,081.

Horizon and Locality.—Middle Oligocene, White River Group, Slim Buttes, Harding County, South Dakota."

[1] Nesti, F., Nov. Giorn. Lett., Pisa, 1826, 6.

"*Definition.*—A paramyine rodent resembling *Ischyrotomus;* incisors relatively larger and less compressed; infraorbital foramen lower and smaller; rostrum deeper; anterior zygomatic root high, nearly vertical; digits of manus relatively stout, unguals elongate and compressed as in *Ischyrotomus*, but notably deeper and more curved. Condylobasal length of skull about 160 mm.

"*Affinities.*—Last and largest known representative of a line of robust paramyines represented by *Pseudotomus* in the middle Eocene and *Ischyrotomus* in the later Eocene. Relationship to *Paramys, sensu stricto*, less close and probably through an early Eocene common ancestry as yet undefined. Related in a broader way to the ischyromyids in general, but not close to any other known Oligocene genus."

Diplolophus Troxell

Diplolophus Troxell: Amer. Journ. Sci., 5th Ser., Vol. V, p. 157, 1923.
Gidleumys Wood: Trans. Amer. Philos. Soc., N.S., Vol. XXVIII, p. 217, 1937.

Dr. A. E. Wood, author of Parts II and III of this monograph, has sent us the following corrections:

"Since the publication of Part II Barbour and Stout [1] have clearly demonstrated, on the basis of upper and lower dentitions, that *Gidleumys* is a synonym of *Diplolophus*. Unfortunately, this material was too fragmentary to show the infraorbital foramen, or anything other than the cheek-teeth. There can be no question but that there are only three upper and three lower cheek-teeth in this genus. This material clearly demonstrates that there is no possibility that the reduced dental formula is pathologic, as suggested by Wood (p. 259). The suggestion of a position ancestral to later Geomyids (p. 217) is also untenable. Whether this genus represents an aberrant line of geomyoids, or some entirely distinct and otherwise unknown line, is not clear and can only be clarified by better material."

PART III

Lagomorpha

P. 362. Explanation of Plate XXXIV under *Palaeolagus haydeni:*
For Fig. 1*a*, read Fig. 2, 2*a*.
For Fig. 2, 2*a*, read Fig. 3, 3*a*.

PART IV

Artiodactyla

P. 366 *to Leptochoerus* (Plate XXXVI) *add* (Plate C, Fig. 2, 2*a*, 2*b*, 2*c*, 3).
P. 442, line 3, *for* Family 4, *read* Family 3.
P. 562, line 2, *for* Plate LXX, read Plate LX.
P. 604, line 7 fr. bottom, *for* (Plates LIII, LIII*a*, *read* (Plates LXIII, LXIII*a*).
P. 613, Text-fig. 130 caption, *for* U. S. Nat. Mus., *read* Amer. Mus. Nat. Hist.

[1] Barbour, E. H., and Stout, T. H., Bull. Nebr. State Museum, Vol. 2, No. 3, pp. 29–36, 1939.